

# OE ENERGY MARKET SNAPSHOT

## National Version

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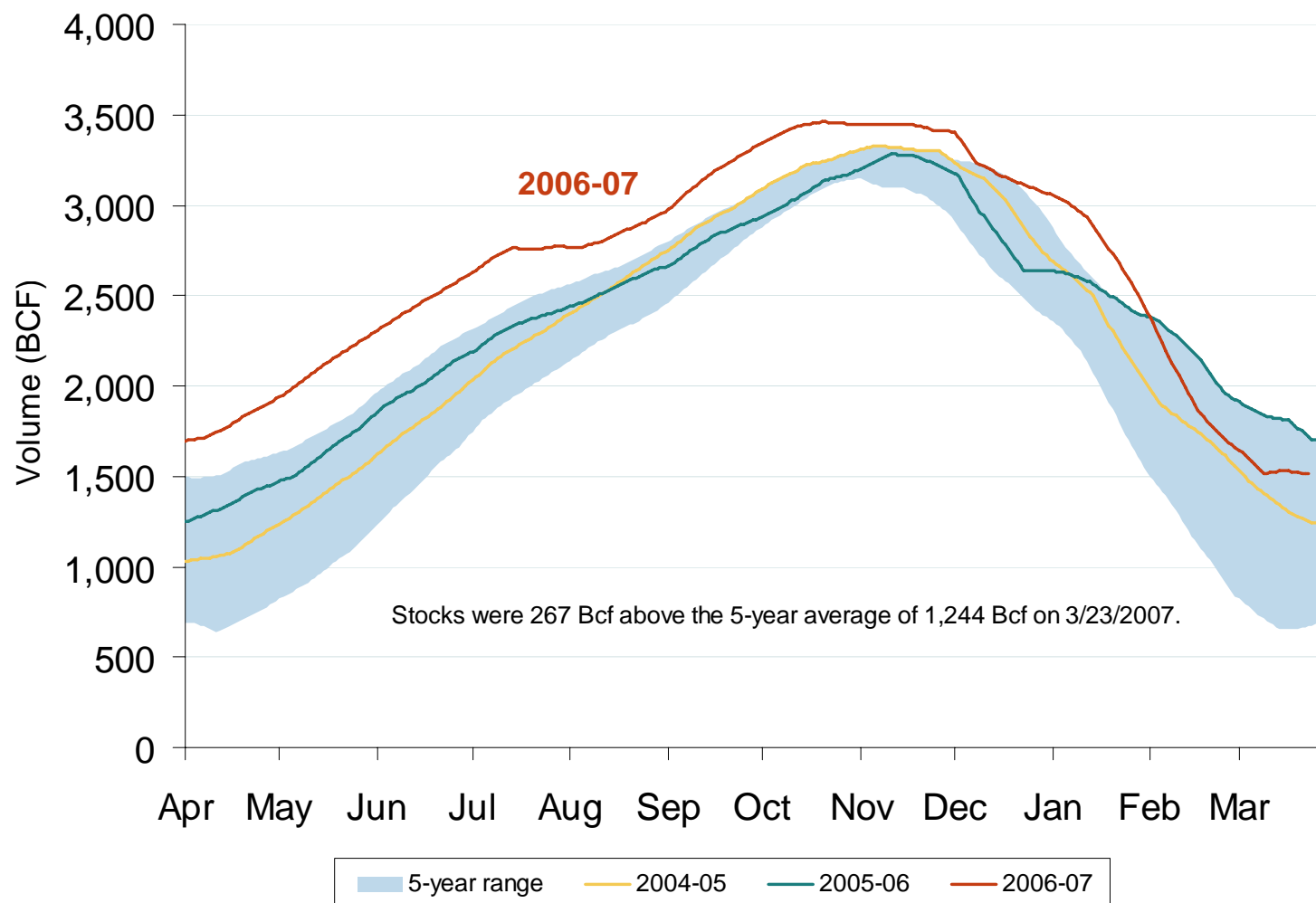
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement  
Federal Energy Regulatory Commission  
April 2007

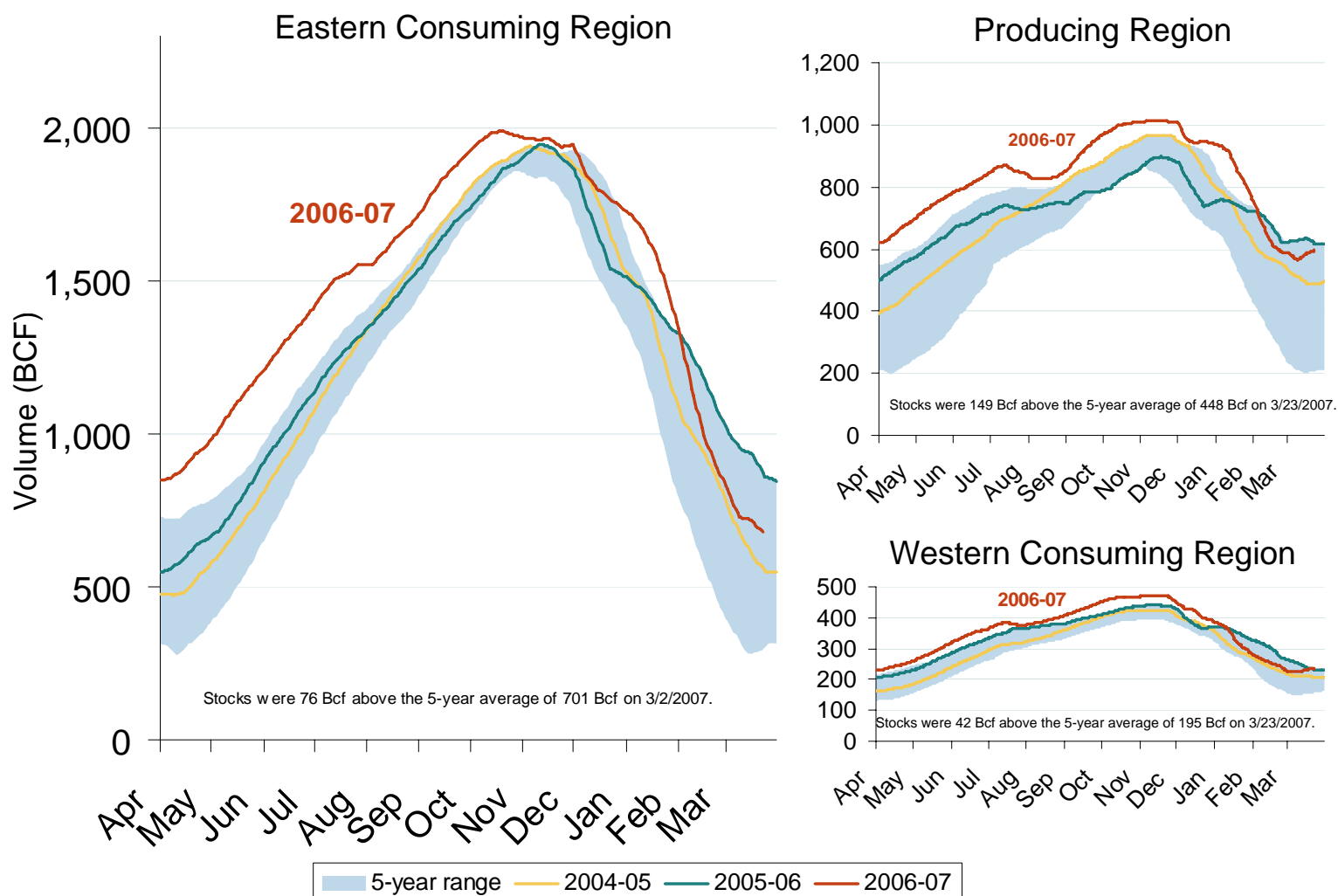
A decorative graphic consisting of several red lines. A vertical line on the left side is intersected by a horizontal line that spans across the page. There are multiple parallel lines in both directions, creating a cross-like pattern with a blurred, motion-streak effect.

# Market Fundamentals

## Total U.S. Working Gas in Storage



## Regional Totals of Working Gas in Storage

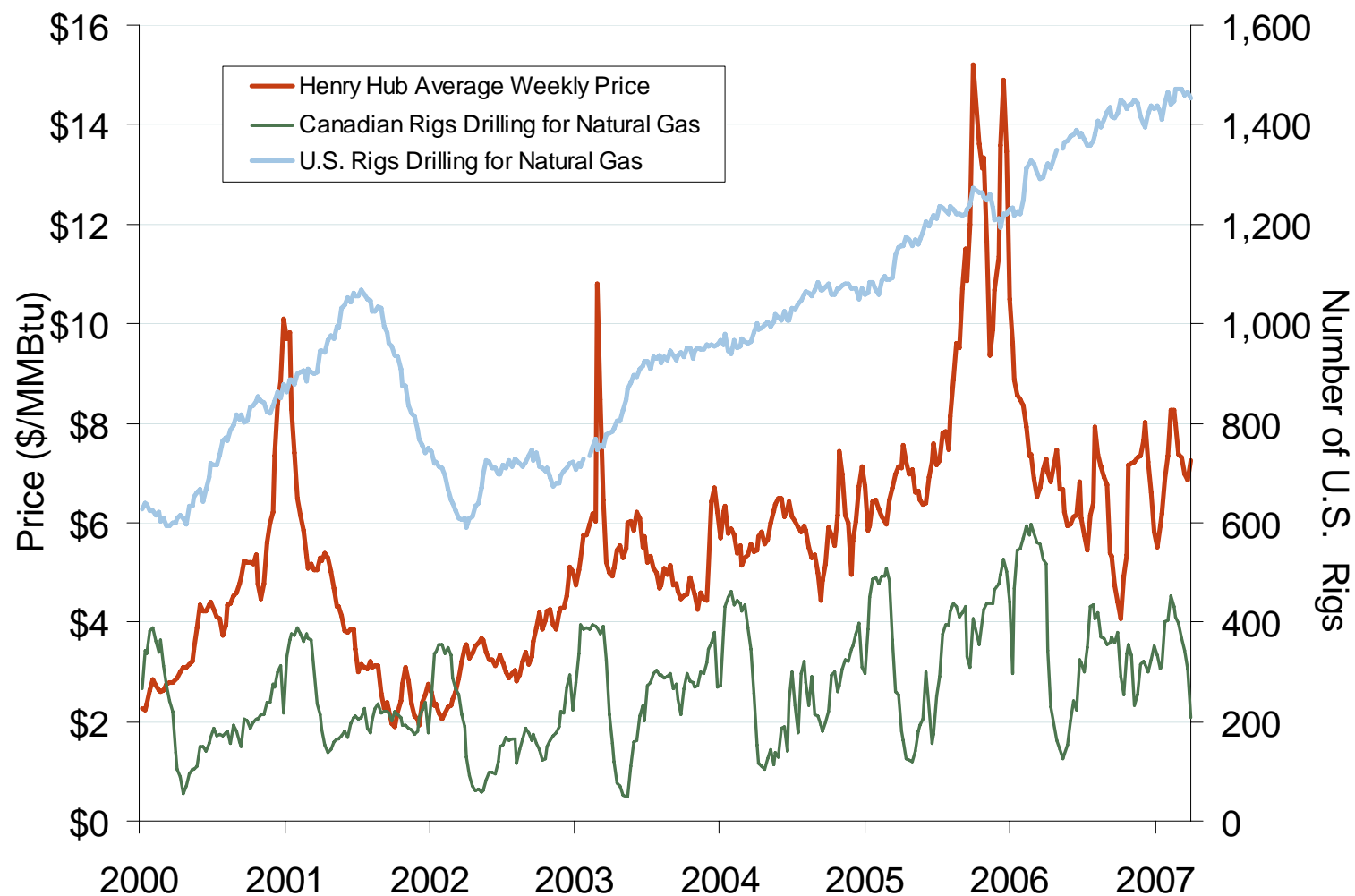


Source: Derived from EIA data.

Updated March 30, 2007

2004

## U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices

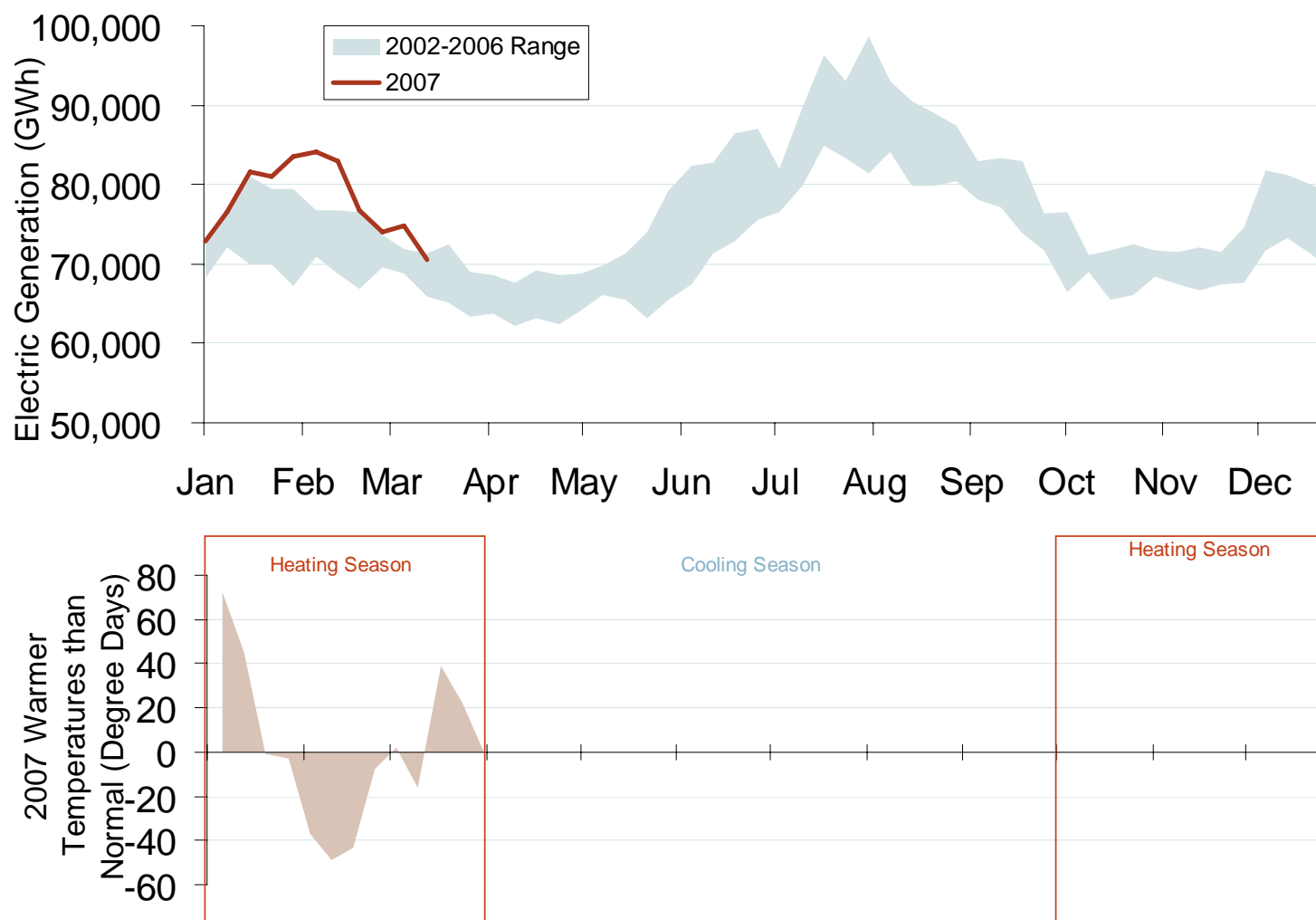


Source: Derived from *Platts* and *Baker Hughes* data.

Updated March 30, 2007

2007

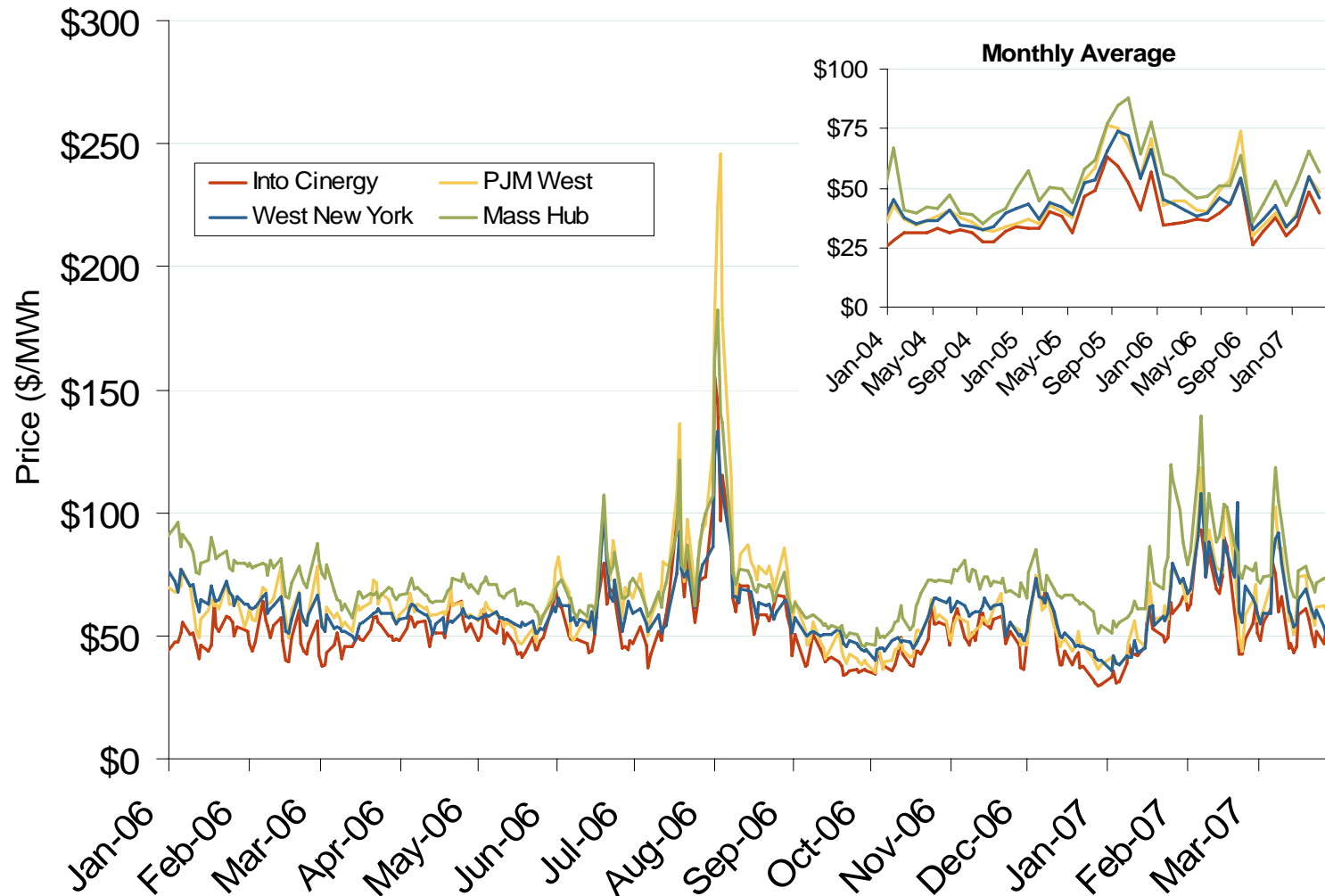
## Weekly U.S. Electric Generation Output and Temperatures



A decorative graphic consisting of several red lines. A vertical line on the left side is intersected by three horizontal lines, creating a cross-like shape. The lines have a slight blur or motion effect.

# Prices and Market Analysis

## Eastern Daily Bilateral Day-Ahead On-Peak Prices



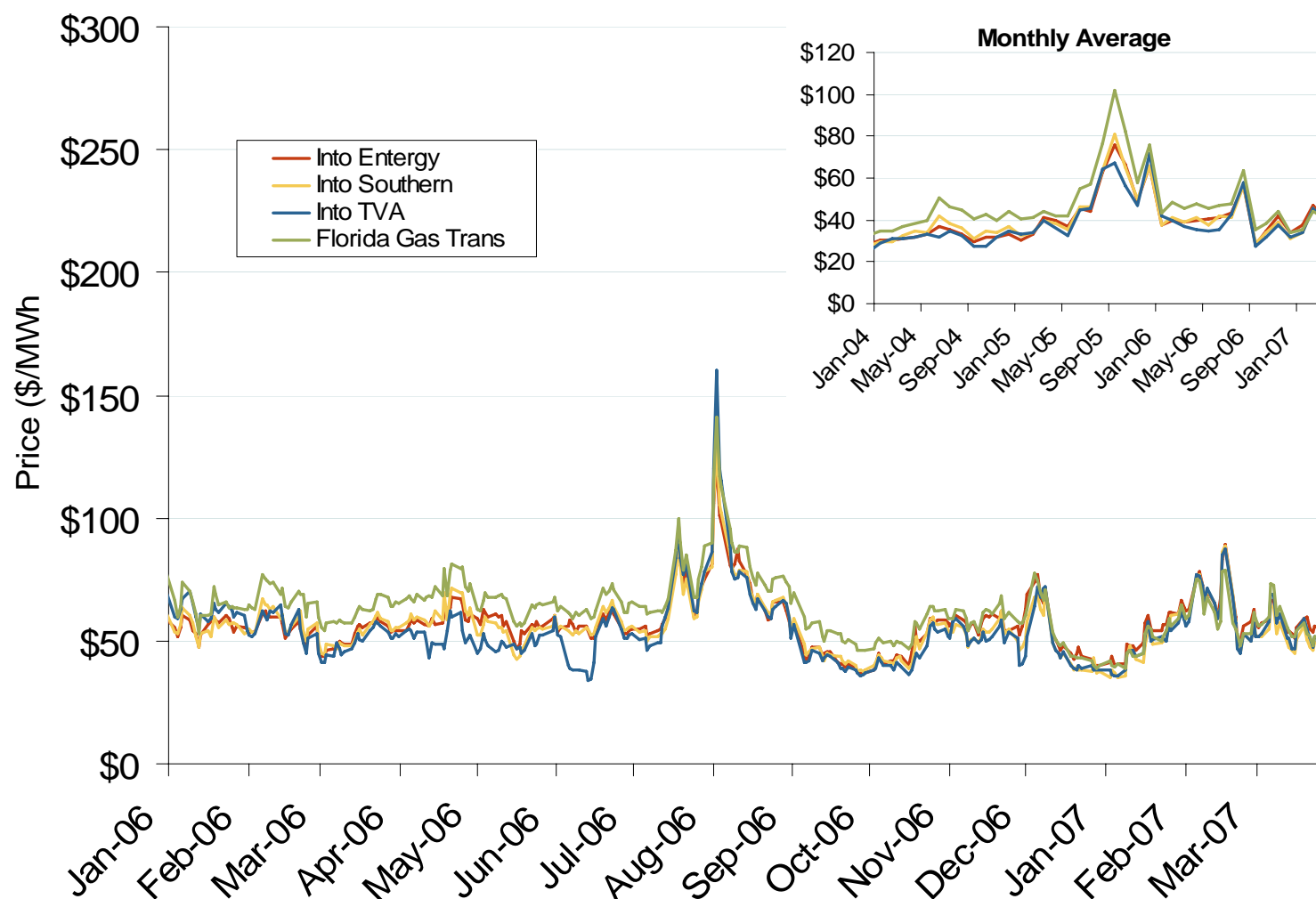
Source: Derived from Platts data.

Updated March 30, 2007

1014



## Southeastern Daily Bilateral Day-Ahead On-Peak Prices

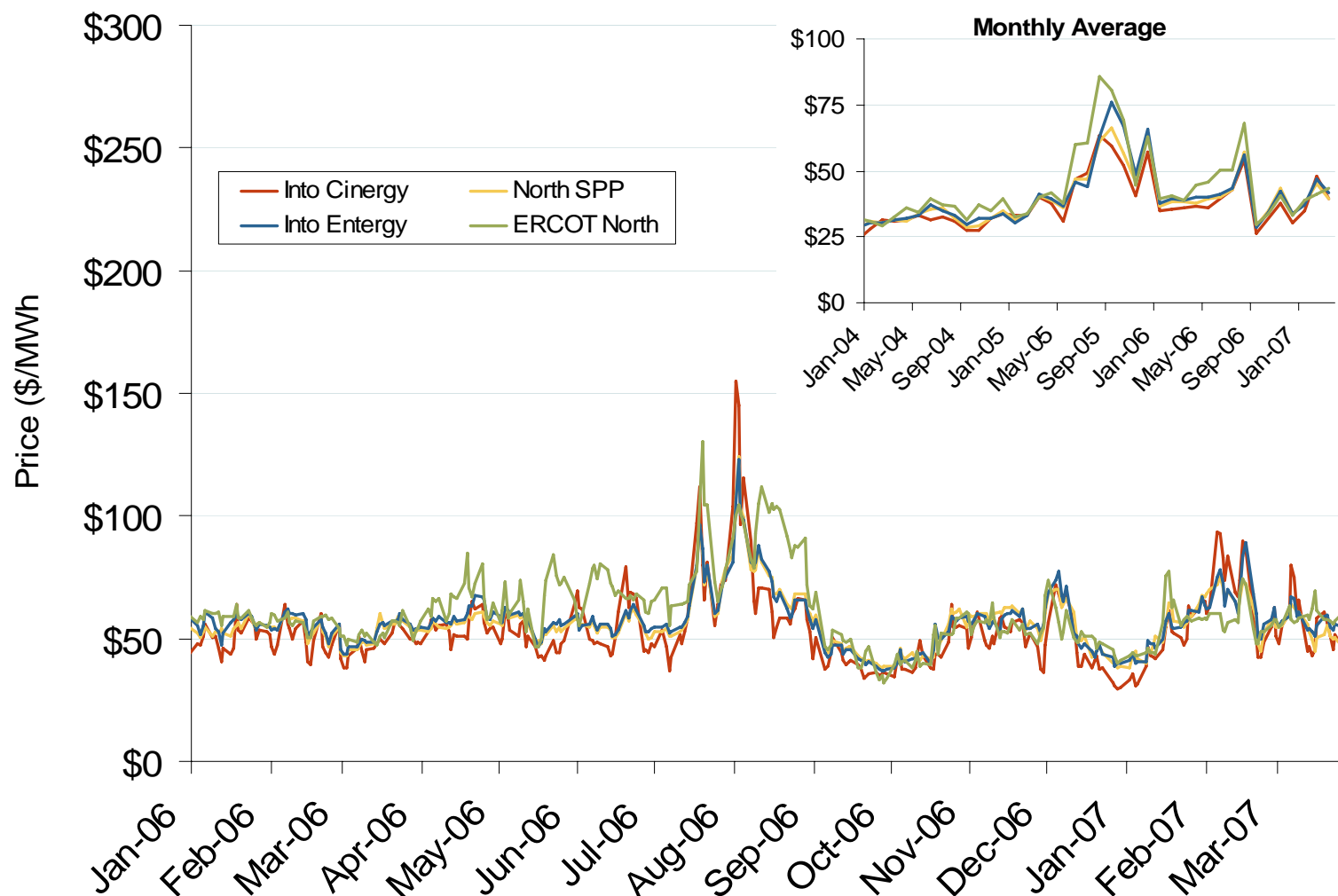


Source: Derived from Platts data.

Updated March 30, 2007

1059

## Midwestern Daily Bilateral Day-Ahead On-Peak Prices



Source: Derived from Platts data.

Updated March 30, 2007

1073

## Southwestern Daily Bilateral Day-Ahead On-Peak Prices

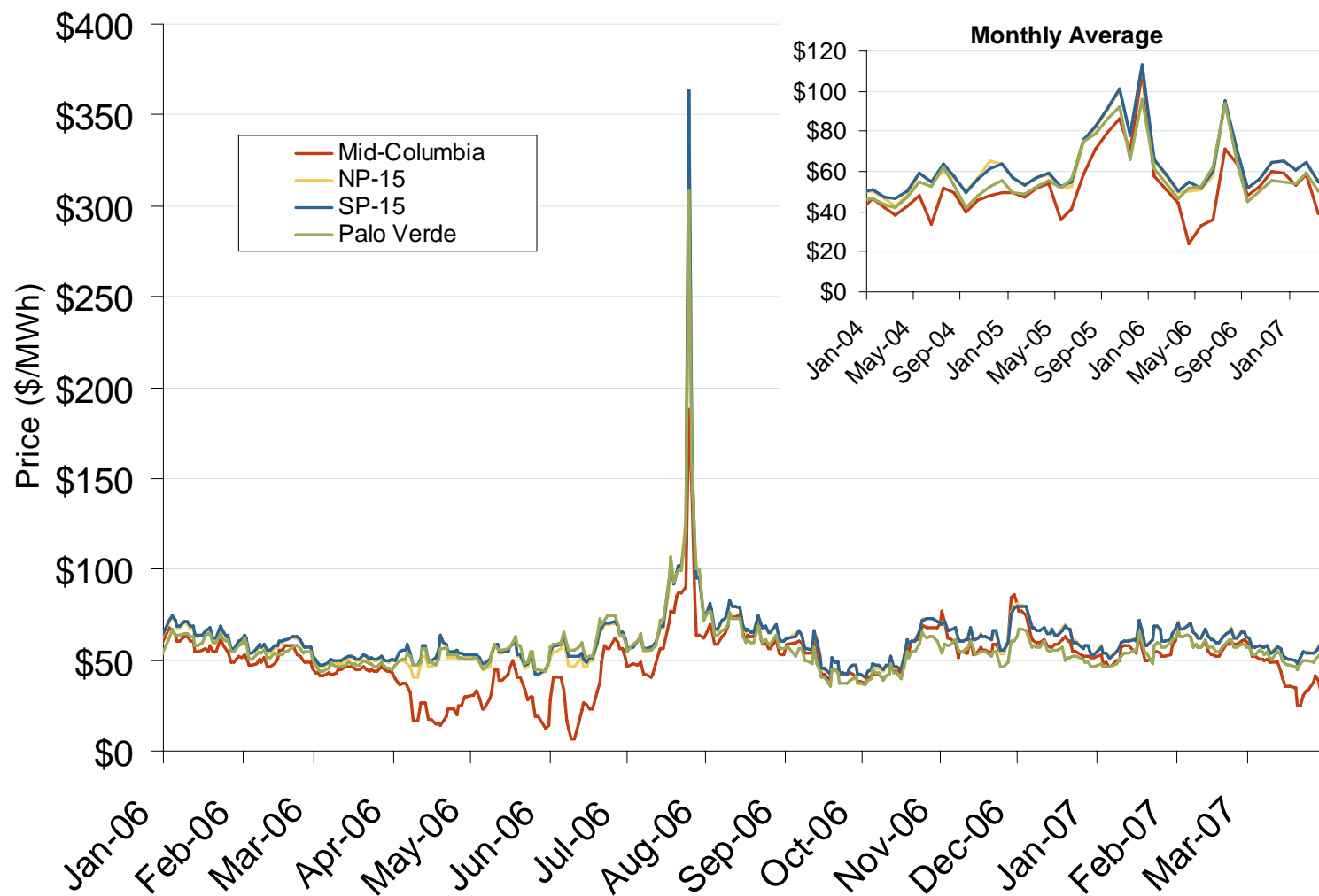


Source: Derived from Platts data.

Corrected June 12, 2007

1066

## Western Daily Bilateral Day-Ahead On-Peak Prices

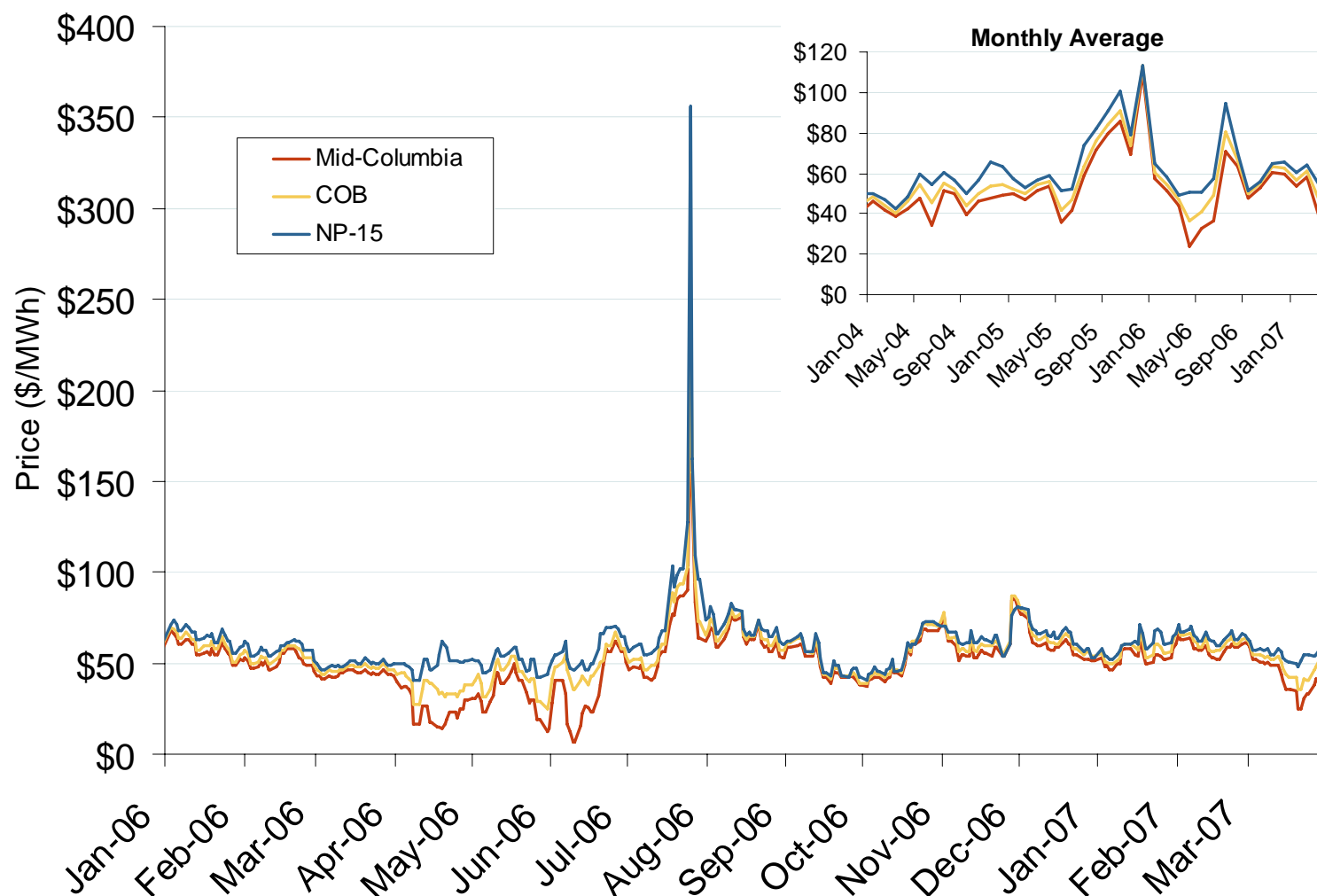


Source: Derived from Platts data.

Corrected June 12, 2007

1006

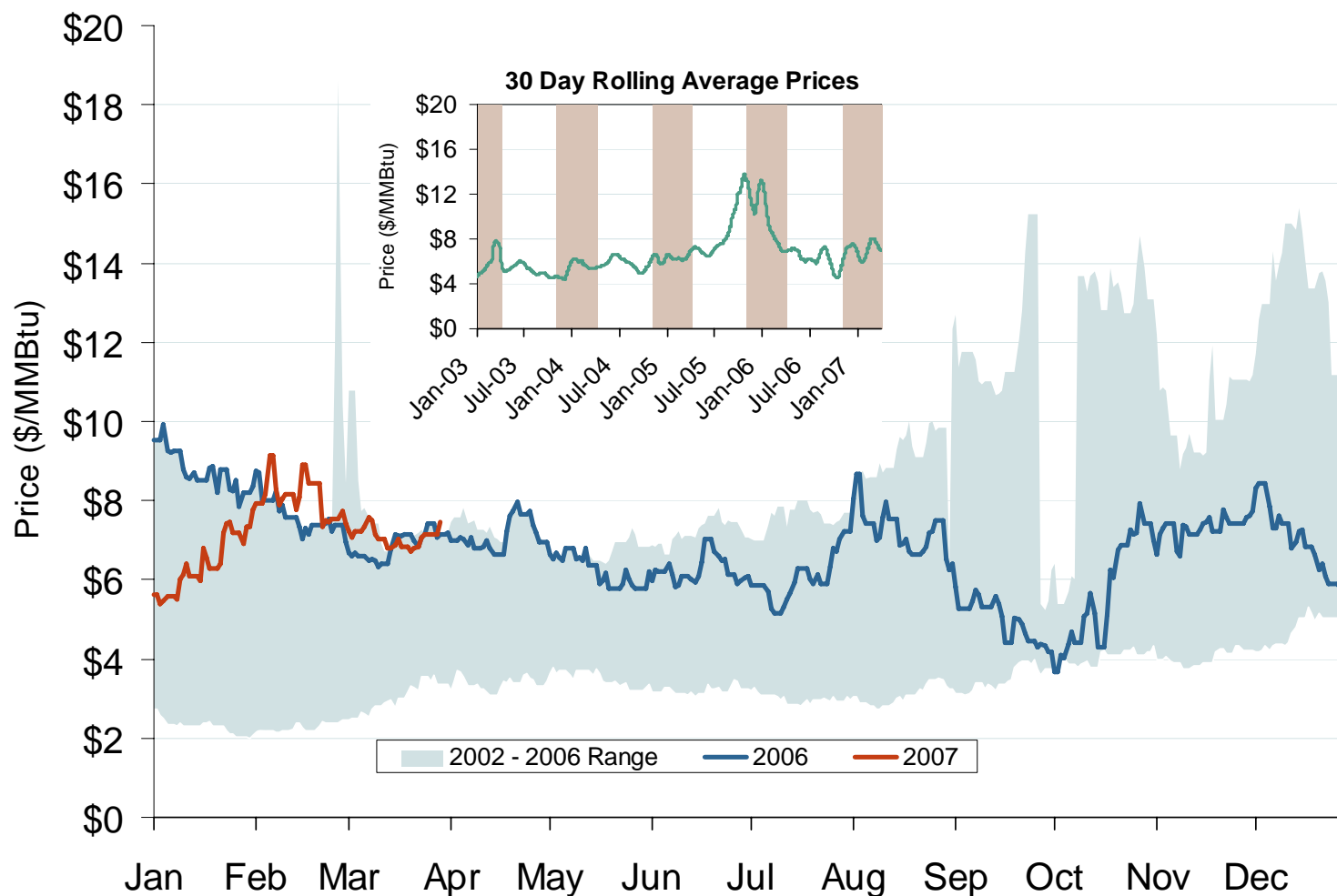
## Northwestern Daily Bilateral Day-Ahead On-Peak Prices



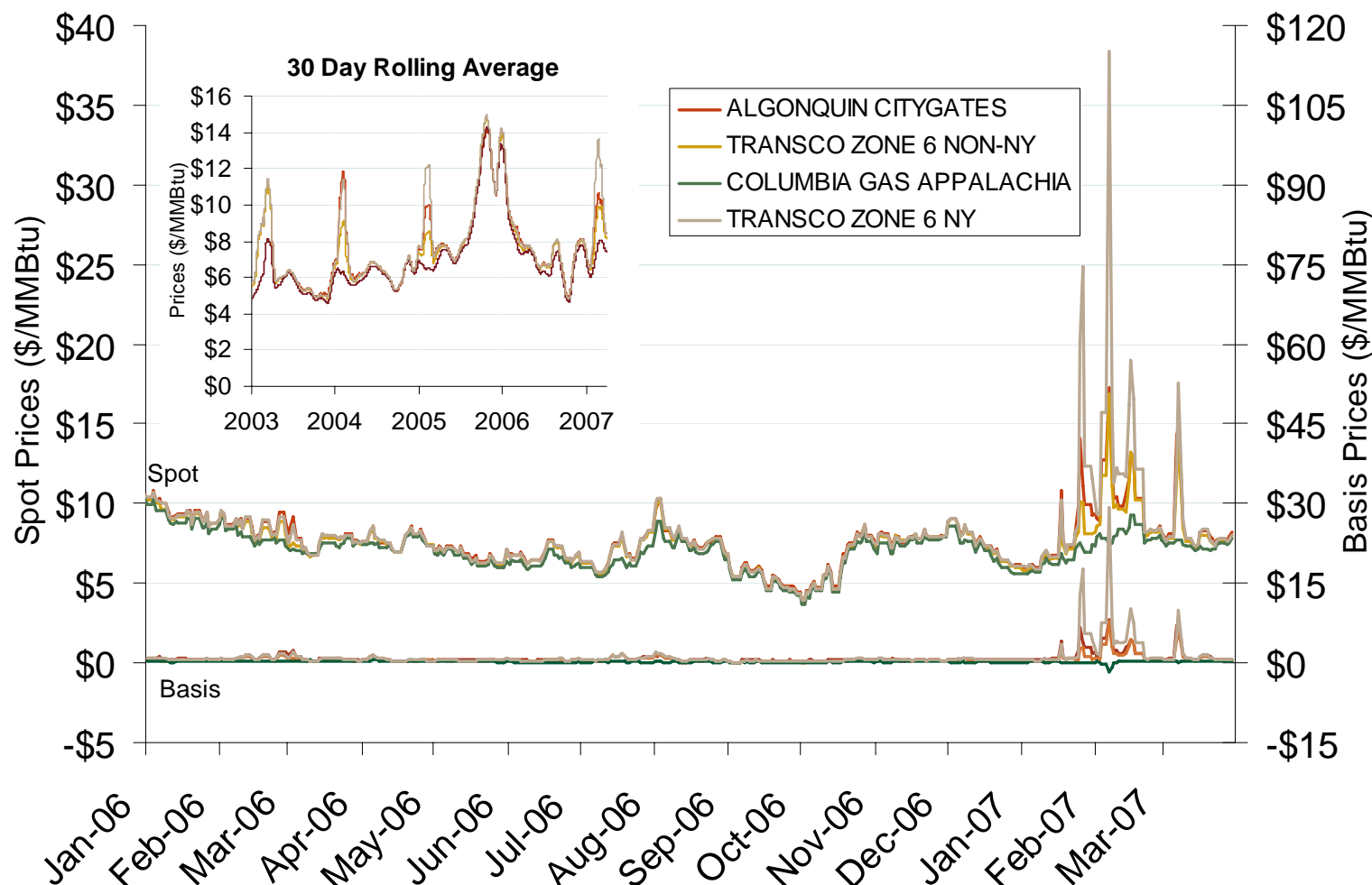
Source: Derived from *Platts* data.

Corrected June 12, 2007

## Henry Hub Natural Gas Daily Spot Prices 2006, 2007 and 2002-2006 Year Range



## Northeastern Day-ahead Hub Spot Prices and Basis

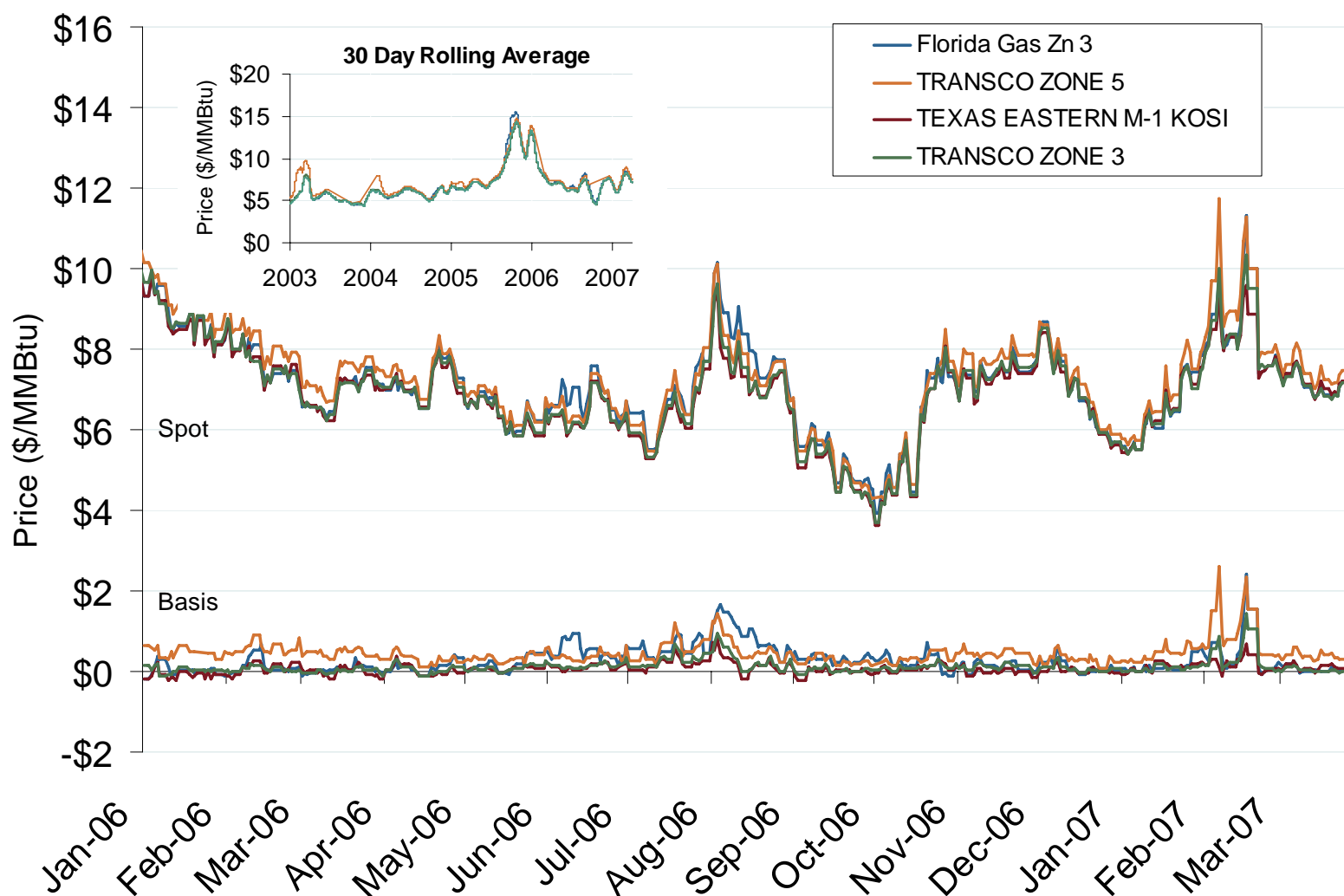


Source: Derived from Platts data.

Updated March 30, 2007

2030

## Southeastern Day-Ahead Hub Spot Prices and Basis



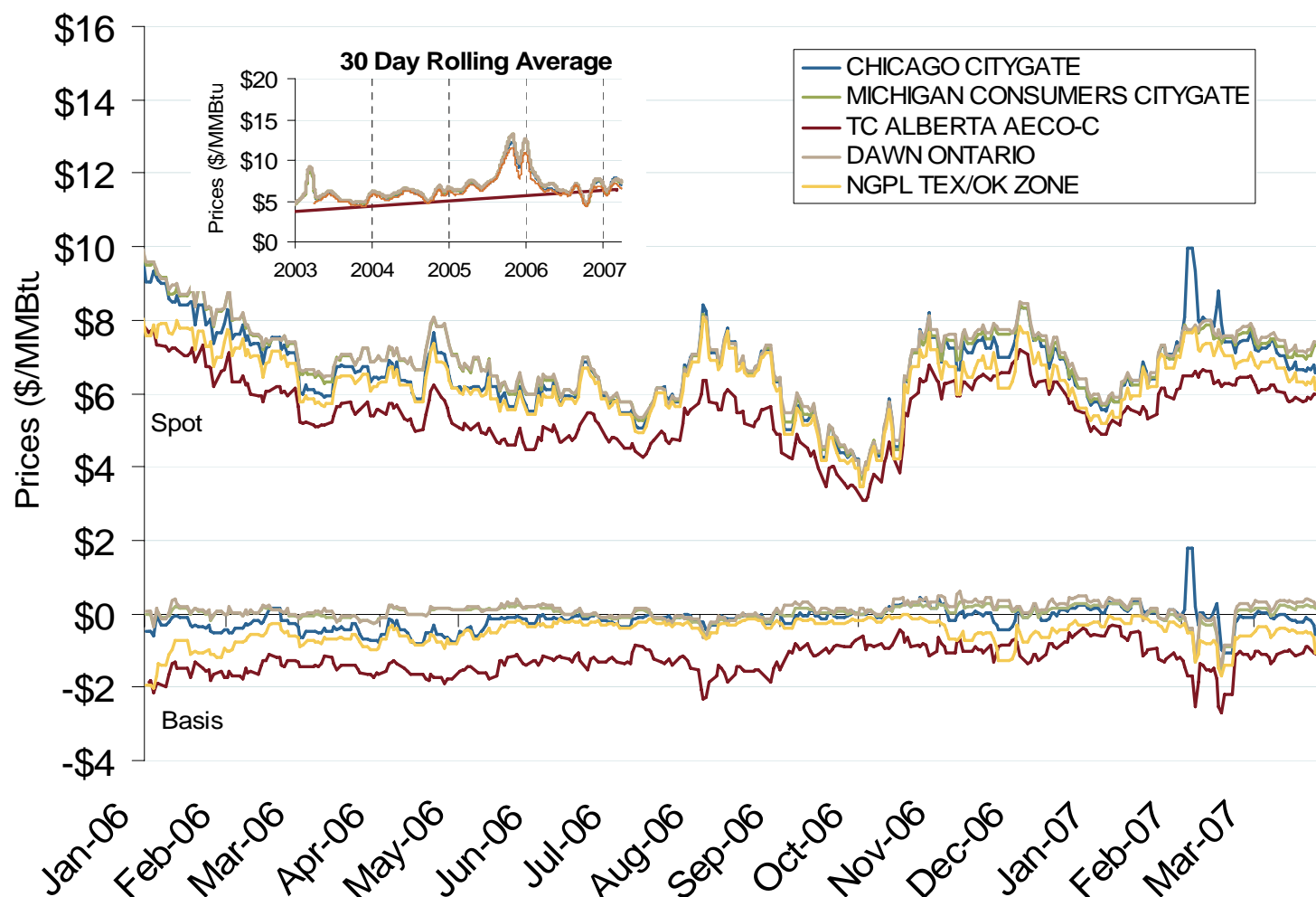
Source: Derived from Platts data.

Updated March 30, 2007

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## Midwestern Day-Ahead Hub Spot Prices and Basis

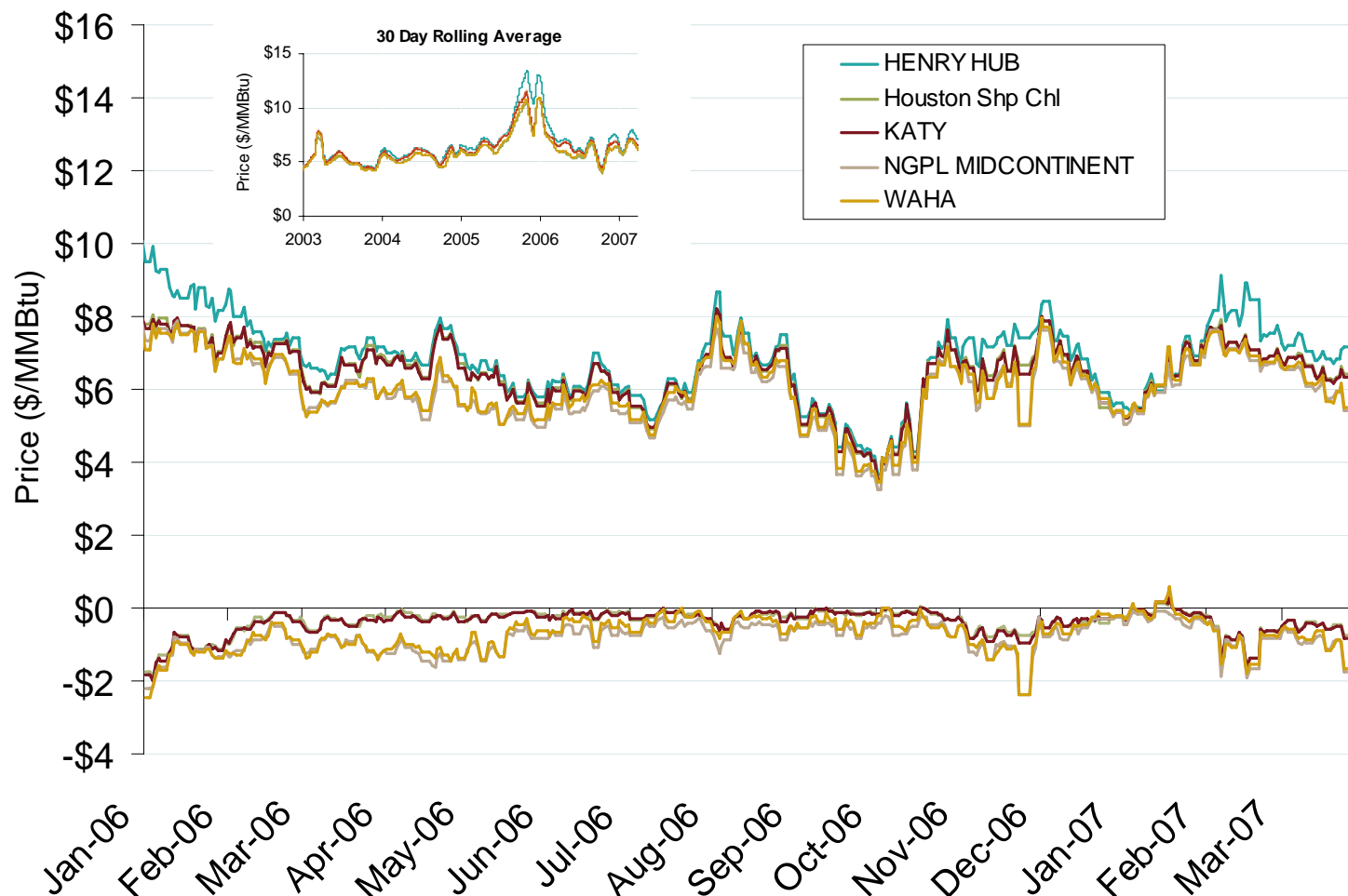


Source: Derived from Platts data.

Updated March 30, 2007

2016

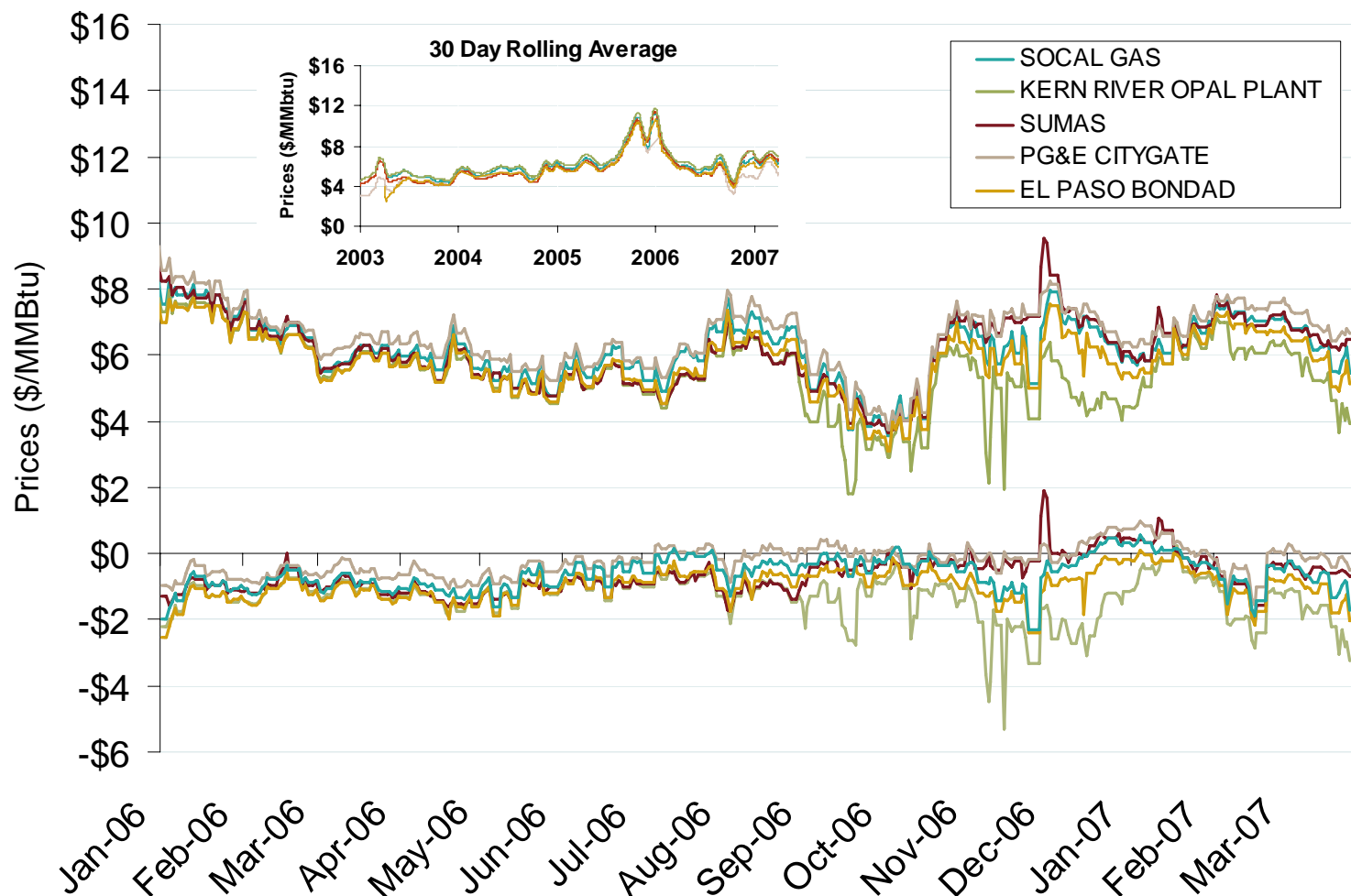
## South Central Day-Ahead Hub Spot Prices and Basis

Source: Derived from *Platts* data.

Updated March 30, 2007

2044

## Western Day-Ahead Hub Spot Prices and Basis

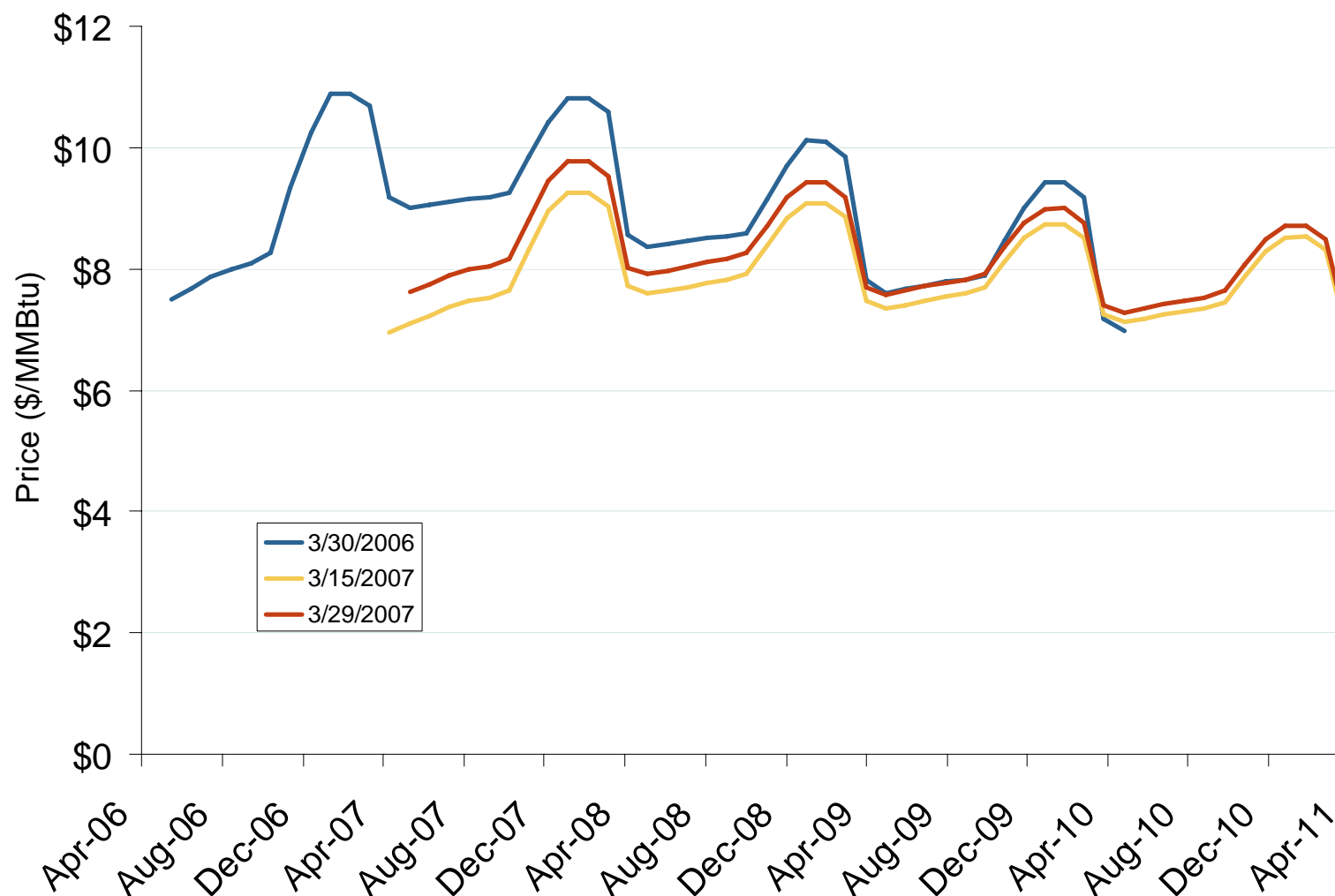


Source: Derived from *Platts* data.

Updated March 30, 2007

2072

## NYMEX Natural Gas Forward Price Curve

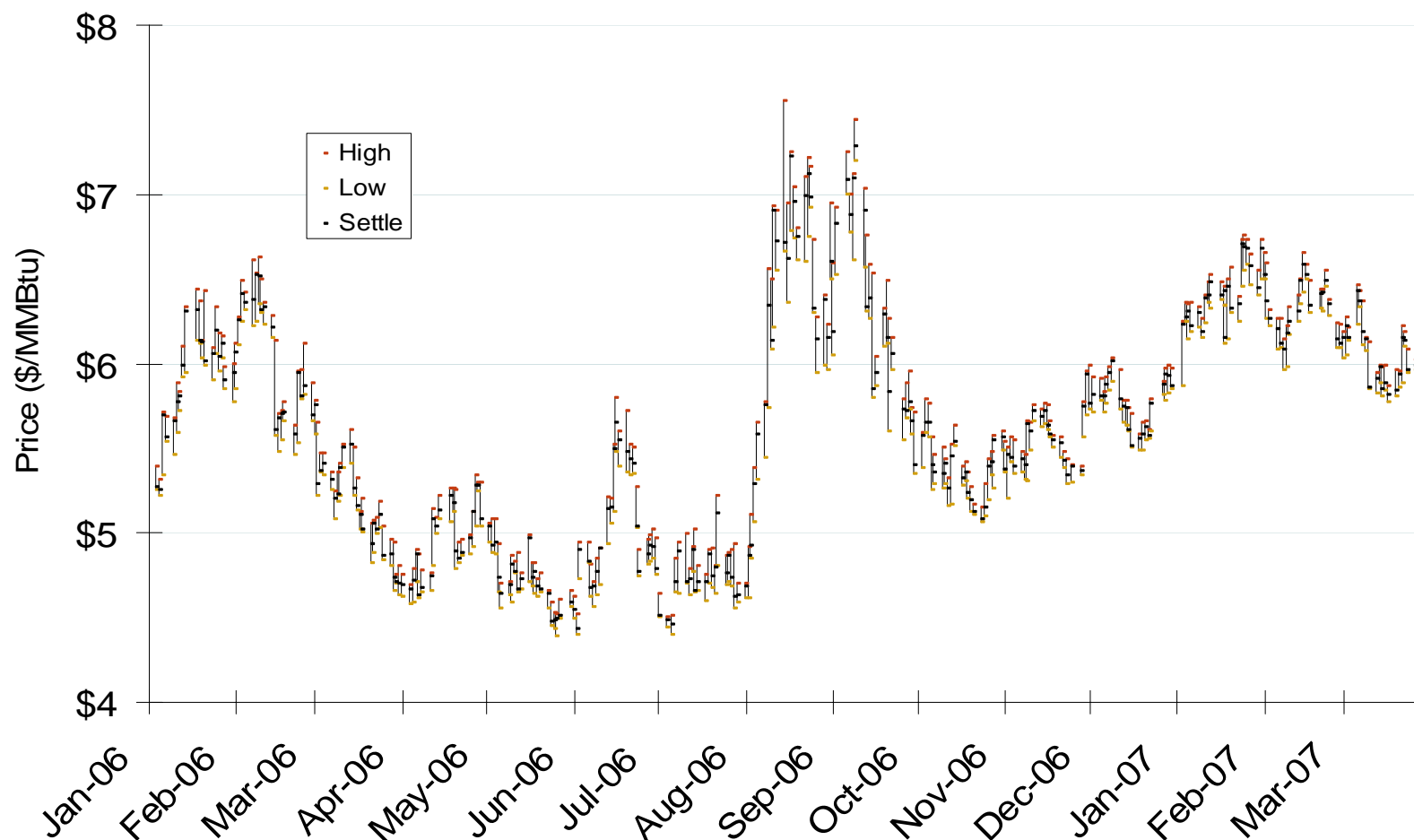


Source: Derived from NYMEX data.

Updated March 30, 2007

2009

## NYMEX Natural Gas Futures Prompt Month Daily Settlement Price and Price Range

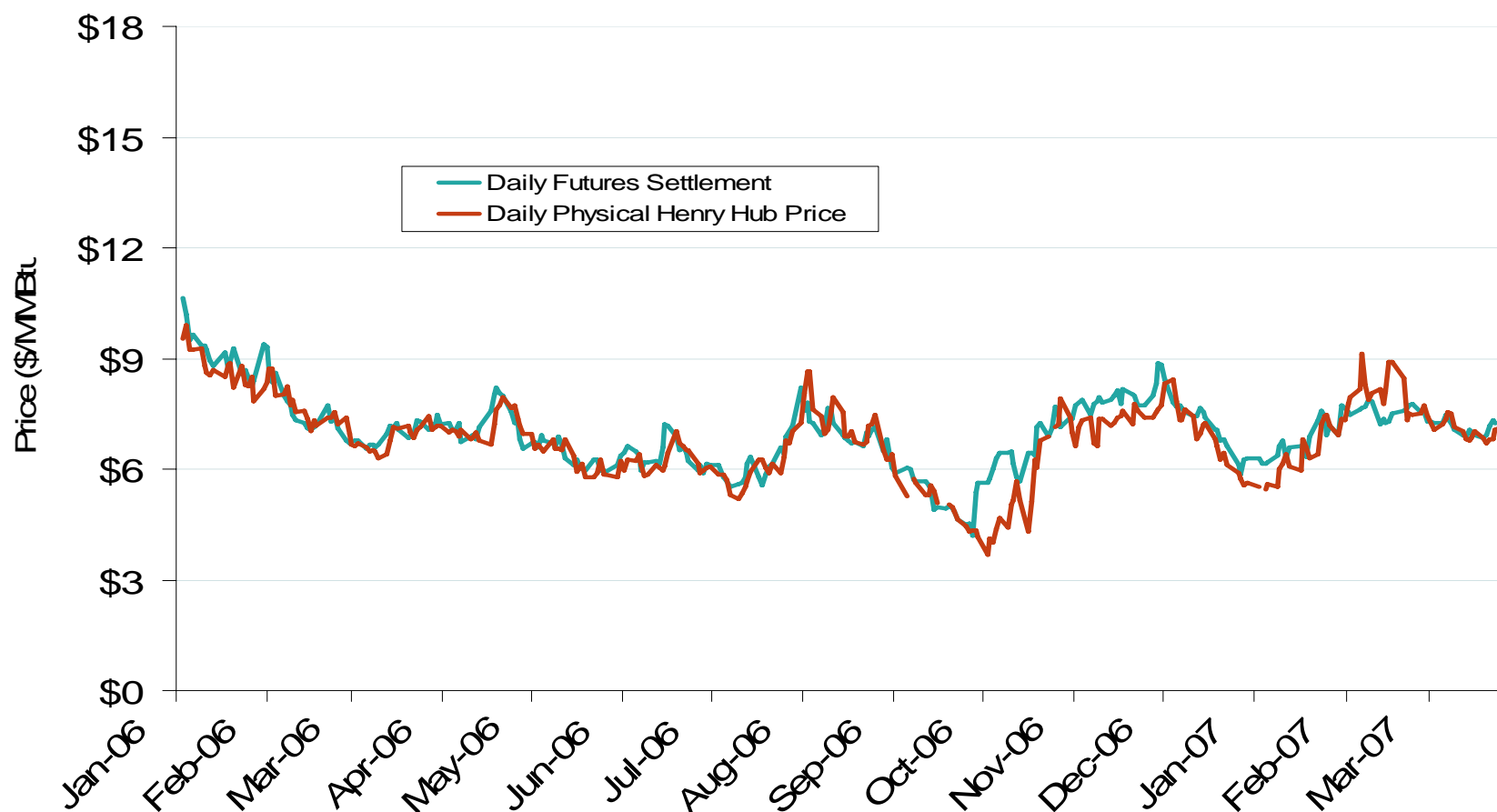


Source: Derived from NYMEX data.

Updated March 30, 2007

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## Daily Physical Index Price and Daily Futures Settlement Price

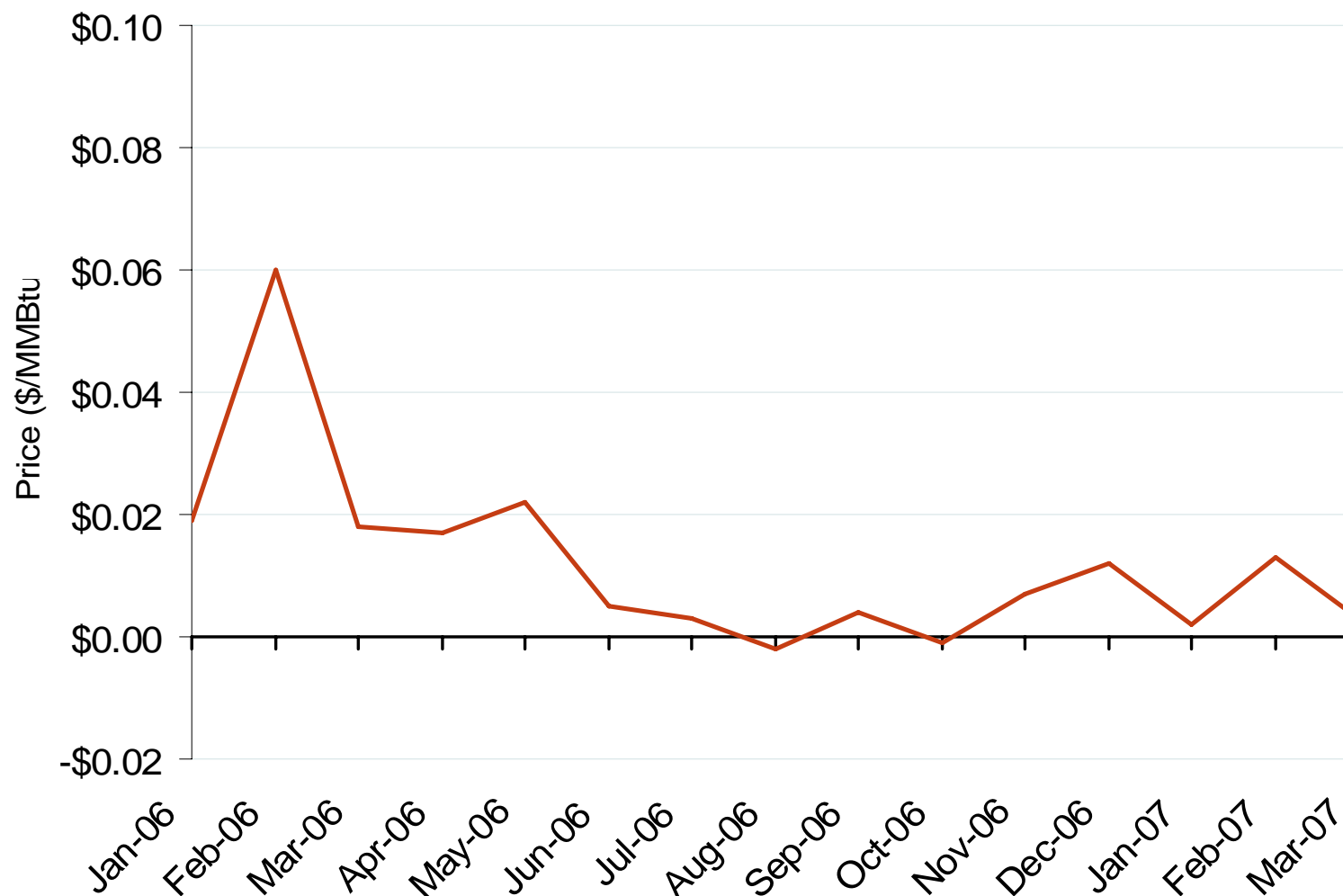


Source: Derived from *Platts* and *Bloomberg* data.

Updated March 30, 2007

2087

## Deviation Between Monthly Physical Index and Monthly Futures Expiration Price at Henry Hub



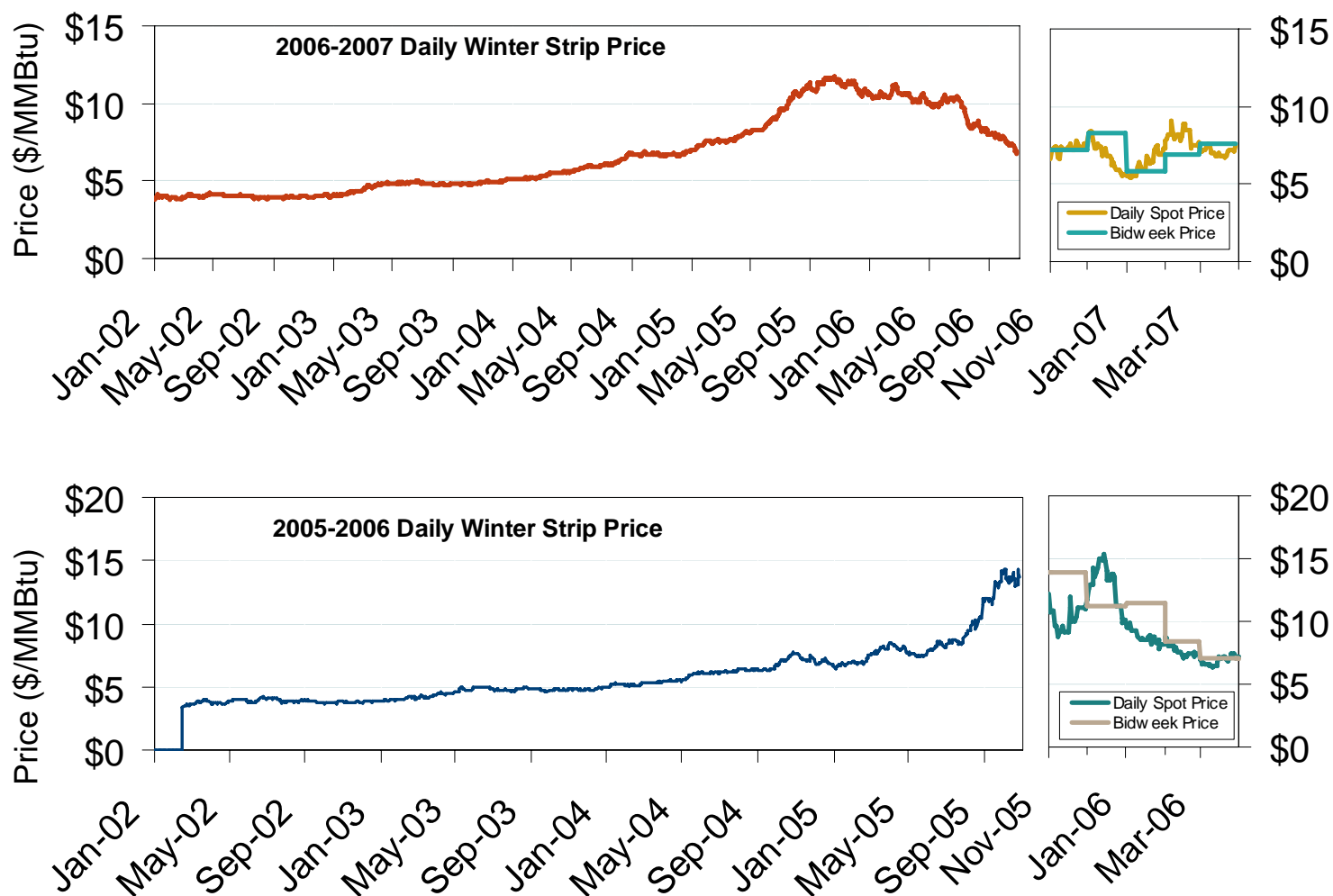
Source: Derived from *Platts* and *Bloomberg* data.

Updated March 30, 2007

2088

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## Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices



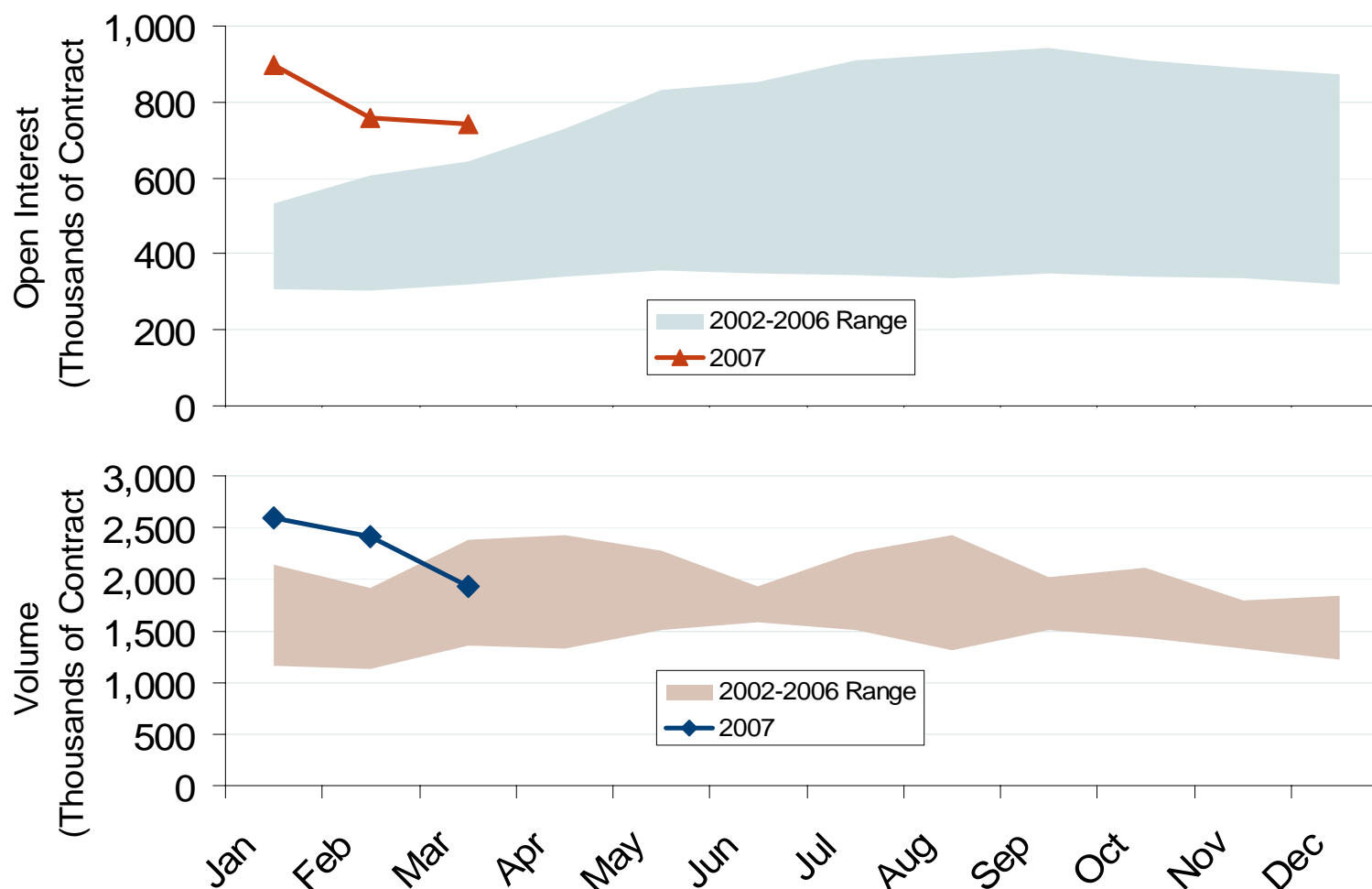
Source: Derived from Platts and Nymex data.

Updated March 30, 2007

2158



## NYMEX Natural Gas Futures Month-End Open Interest and Total Monthly Volume

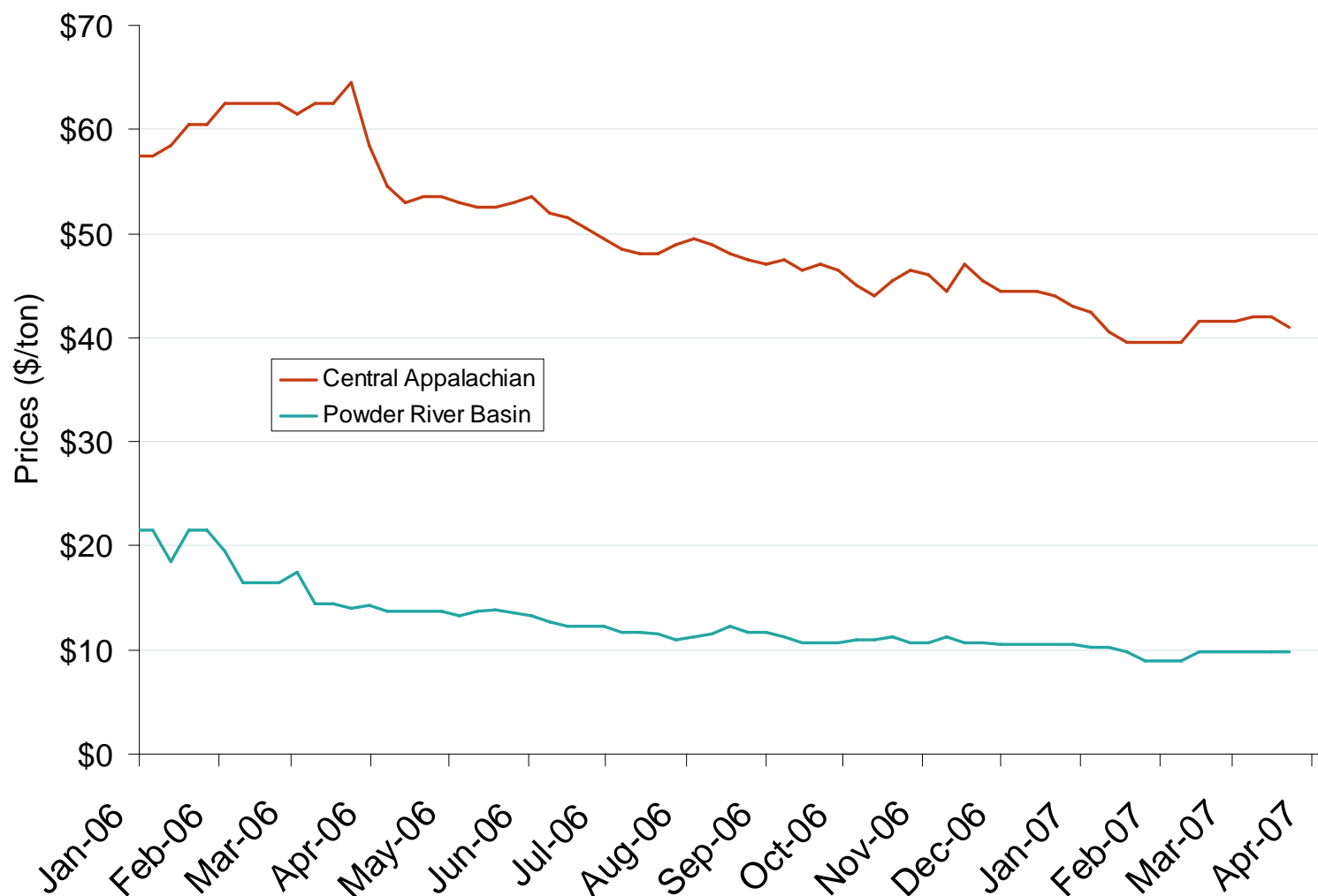


Source: Derived from NYMEX data.

Updated April 9, 2007

2010

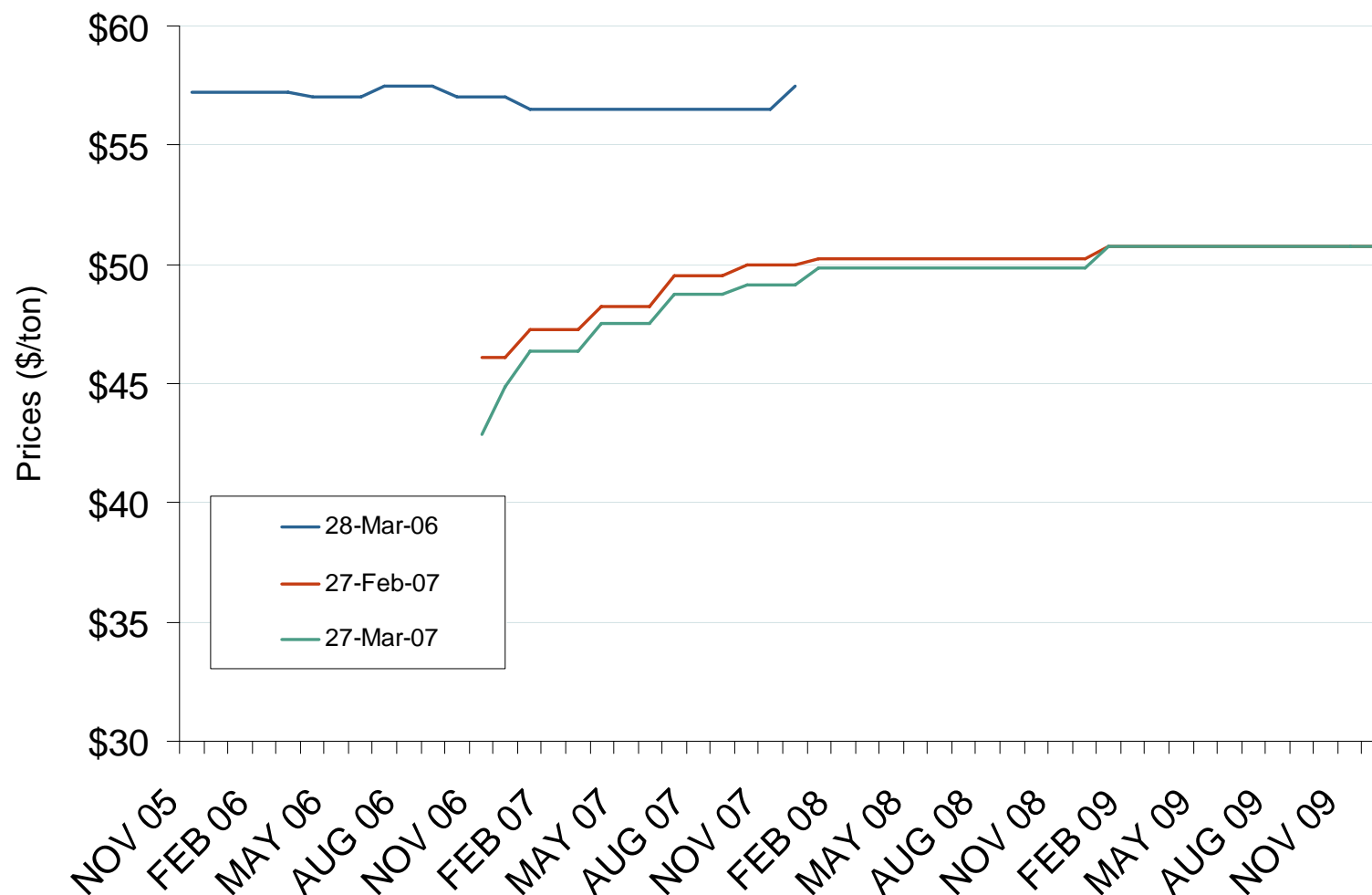
## Central Appalachian and Powder River Basin Coal Prices



Source: Derived from *Bloomberg* data.

Updated March 30, 2007

## Central Appalachian Coal Futures Prices



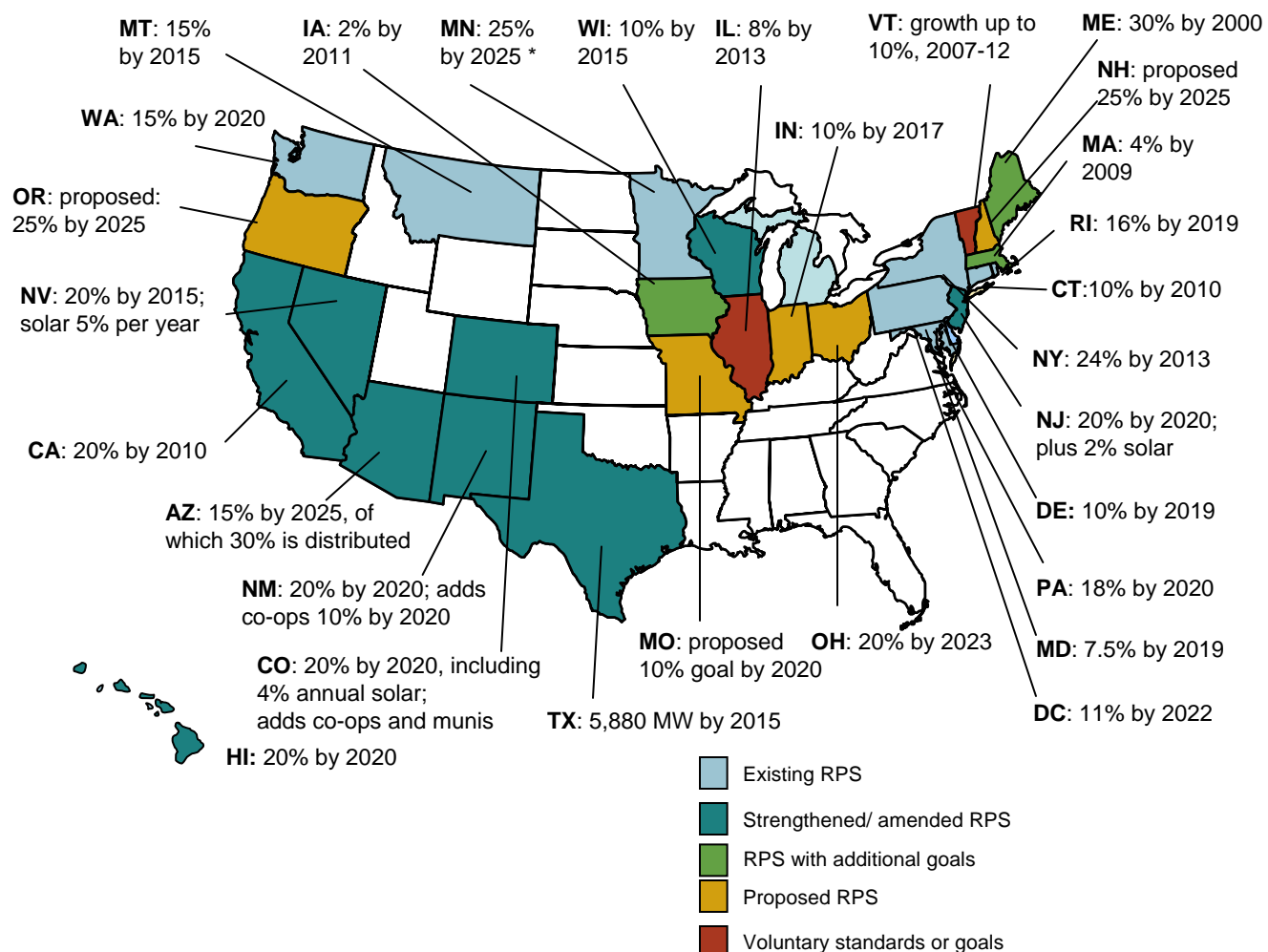
Source: Derived from Nymex data.

Updated March 30, 2007

3003

## Renewable Energy Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 21 states and DC have renewable energy standards. Two states have goals only. Colorado doubled its RPS in March.
- Some states added non-binding goals to the mandated RPS, including Maine, Massachusetts, and Iowa.
- States that adopted transmission planning and cost recovery policies to support new renewable generation include California, Colorado, Minnesota, New Mexico and Texas.
- Forty-five percent of U.S. load is in a state with a renewable energy purchase obligation.



\* Minnesota's requirement for Xcel Energy exceeds the state RPS; it is 30% by 2020.

Sources: Derived from data in: EEI, EIA, LBNL, PUCs, State legislative tracking services, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.

Updated March 30, 2007